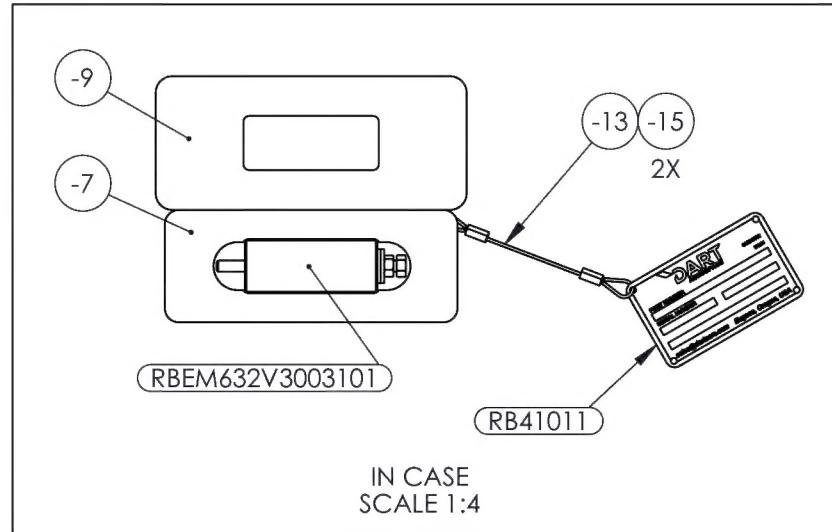
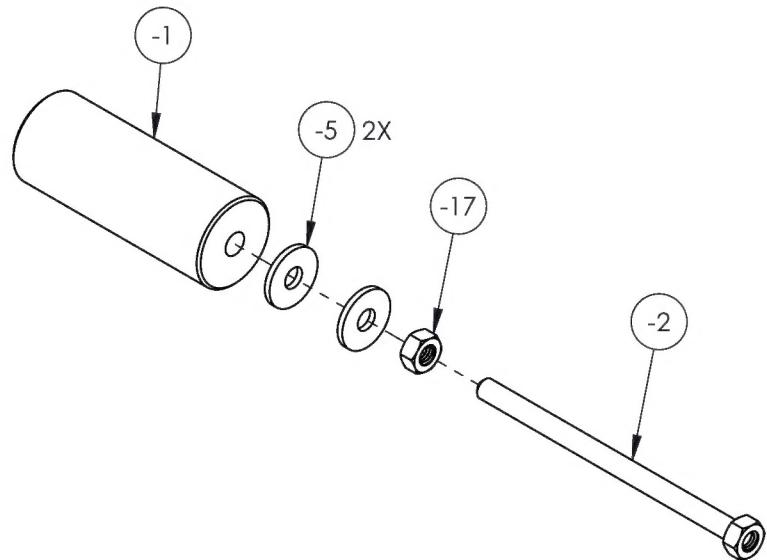


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION			4/21/2016	DPD	JAG
2	16-0136	-7 -9 CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK. CH'D VENDOR WAS I.R. SPECIALTY IS CASE SOLUTIONS. -7 CH'D DIMS WAS 1.10 IS 1.00, WAS .68 IS .58, WAS .92 IS .82. ADDED DIM 4X 45°, 4X .40. REMOVED DIM 4X R. 10. -9 ADDED DIMS 4X 45°, 4X .40, .10, 4X R.13, .83, 1.96, 1.83, 4.65. REMOVED DIM 4X R .25.			9/1/2016	DEW	JAG
3	17-0001	-2 ADDED WLEDMENT & DRAWING. -3 CH'D PART WAS HEX HEAD CAP SCREW #91280A354 IS MANUFACTURED PART ADDED DRAWING. -7 CH'D CUTOUT TO ACCOMODATE CHANGES MADE TO -3. -17 ADDED TO BOM.			1/31/2017	RJC	JAG



NOTE:
REF. EUROCOPTER T/N: M632V3003101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	DART AEROSPACE
			-1	1	EXTRACTOR TUBE	STEEL		2	
X			-2	1	BOLT WELDMENT			3	
1			-3	1	THREADED ROD	STEEL, CLASS 12.9	M6x1 X 100mm (MCMASTER-CARR #1077N11) MODIFIED	4	
	B/O		-5	2	OVERSIZED WASHER	STEEL	M6, Ø6.4mm I.D. X Ø18mm O.D. (MCMASTER-CARR #91100A150)	1	
	B/O		-7	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	.121 X 2.34 X 6.09 (CASE SOLUTIONS)	4	MAT'L
	B/O		-9	1	TOP FOAM	ETHAFOAM 220, BLACK	.73 X 2.79 X 6.48 (CASE SOLUTIONS)	5	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° X ± .1 SURFACES = 125
	B/O		-11	1	CASE	PLASTIC	PELICAN #APP-1030-E	N/S	SPEC
	B/O		-13	1	LANYARD	COATED STEEL	Ø1/16 X 4 (CARR LANE #CL-2-C)	1	DRAWN BY: DUERFELDT
	B/O		-15	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1	CHECKED: CLOUGH
1	B/O		-17	1	HEX NUT	STEEL CLASS 12	M6 X 1 (MCMASTER-CARR #94223A101)	1	OPPS APPR: ANDERSON
	B/O			1	DART PLACARD	ALUMINUM	RB41011	1	QA APPR: LINDSAY
	ASSY -2								APPROVED: GILBERT
									USED ON MODEL H175
									SCALE 1:2 DATE 3/16/2016 SHEET 1 OF 6

TITLE
DRIVING PIN EXTRACTOR
DWG NO. RBEM632V3003101 REV 3

DART
AEROSPACE

DRIVING PIN EXTRACTOR

RBEM632V3003101

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

OPPS APPR: ANDERSON
QA APPR: LINDSAY

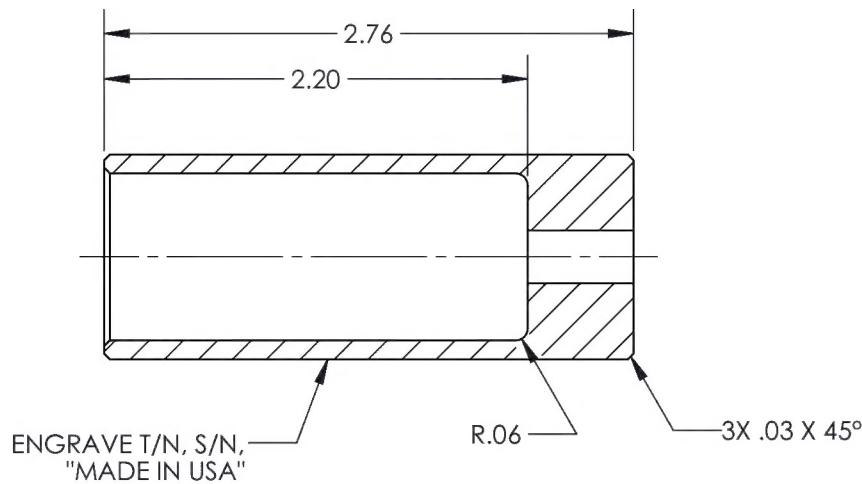
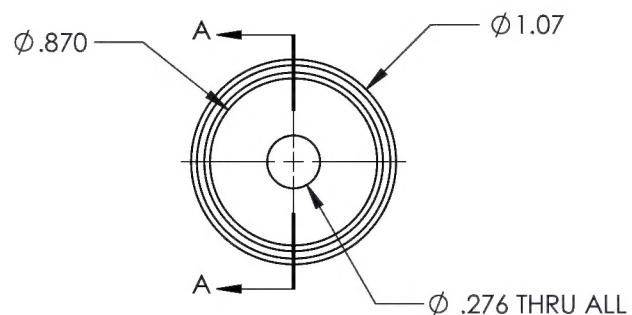
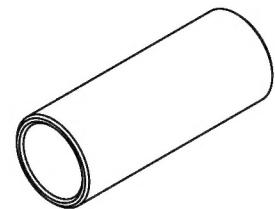
USED ON MODEL

H175
APPROVED: GILBERT

SCALE 1:2 DATE 3/16/2016 SHEET 1 OF 6

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REV		ECR		DESCRIPTION			DATE	INITIAL	APPROVED
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SECTION A-A

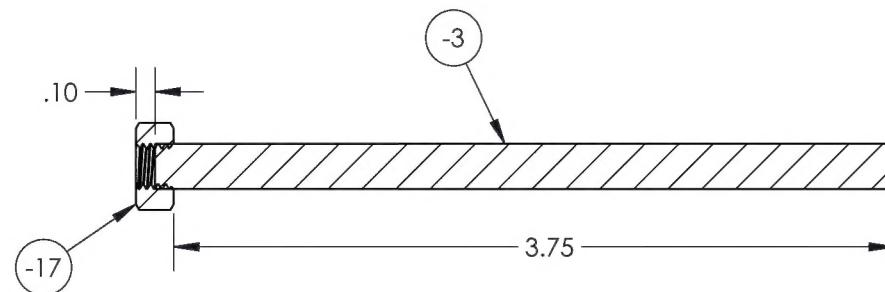
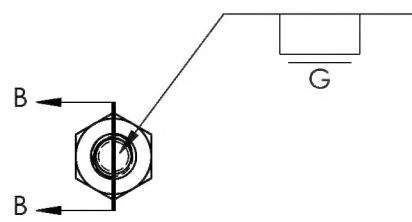
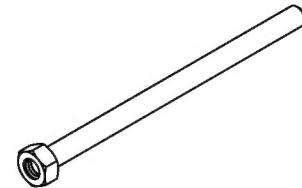
(-1)

EXTRACTOR TUBE

DART AEROSPACE	
TITLE	
DRIVING PIN EXTRACTOR	
DWG NO.	RBEM632V3003101-1
REV	3
MATERIAL STEEL	
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	ZINC PLATE .XX ± .01 ANGLES ± 5°
ASTM B633 TYPE I SC 2	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:1
DATE	3/16/2016
SHEET 2 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	17-0001	-2 ADDED WLEDMENT & DRAWING.	1/31/2017	RJC	JAG



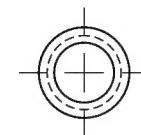
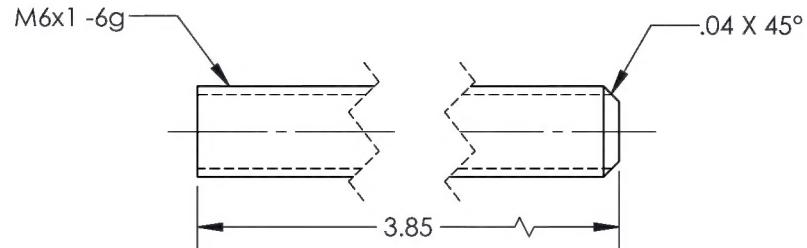
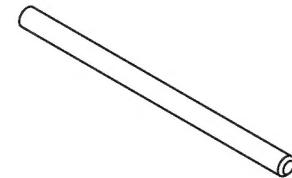
SECTION B-B

(-2)
BOLT WELDMENT

DART AEROSPACE	
TITLE	
DRIVING PIN EXTRACTOR	
DWG NO.	RBEM632V3003101-2
REV	3
MAT'L	UNLESS OTHERWISE SPECIFIED
HEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	X ± .1 SURFACES = 125 ✓
ASTM B633 TYPE I SC 2	
DRAWN BY:	CLOUGH
CHECKED:	
OPPS APPR:	
QA APPR:	USED ON MODEL
APPROVED:	H175
SCALE	1:1
DATE	1/31/2017
SHEET 3 OF 6	

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REVISIONS					
REV	ECR		DESCRIPTION	DATE	INITIAL
3	17-0001	-3	CH'D PART WAS HEX HEAD CAP SCREW #91280A354 IS MANUFACTURED PART ADDED DRAWING.	1/31/2017	RJC JAG



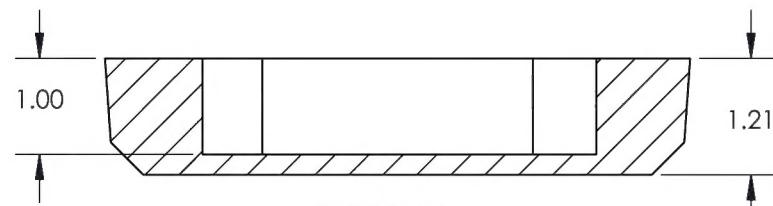
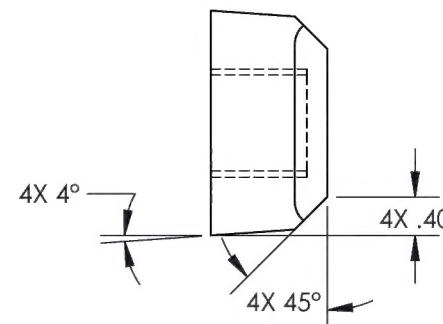
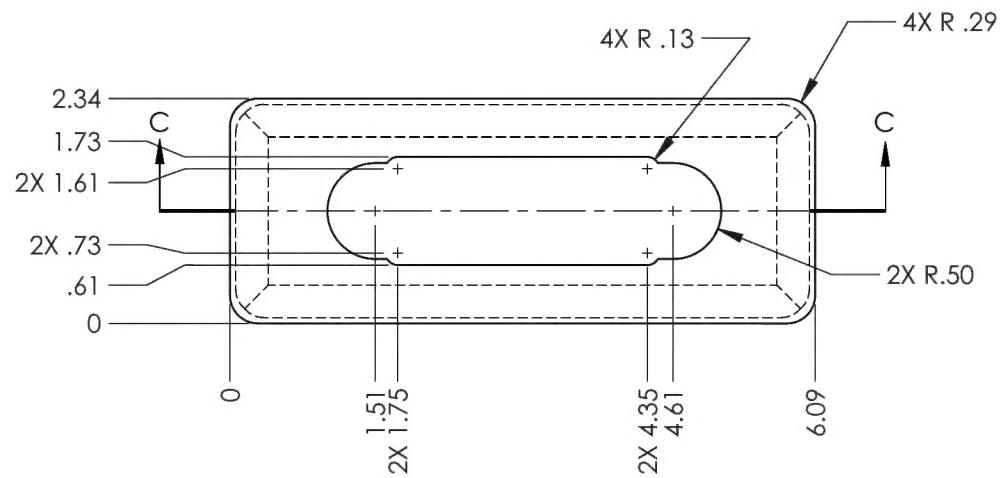
(-3)

THREADED ROD

DART AEROSPACE	
TITLE	
DRIVING PIN EXTRACTOR	
DWG NO.	RBEM632V3003101-3
REV	3
MATERIAL STEEL, CLASS 12.9	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH SEE -2	X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	CLOUGH
CHECKED:	
OPPS APPR:	
QA APPR:	USED ON MODEL
APPROVED:	H175
SCALE	2:1
DATE	1/16/2017
SHEET 4 OF 6	

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REV			ECR			DESCRIPTION			REVISIONS		
									DATE	INITIAL	APPROVED
2	16-0136					-7 CH'D DIMS WAS 1.10 IS 1.00, WAS .68 IS .58, WAS .92 IS .82. ADDED DIM 4X 45° , 4X .40. REMOVED DIM 4X R .10. CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK.			9/1/2016	DEW	JAG
3	17-0001					-7 CH'D CUTOUT TO ACCOMODATE CHANGES MADE TO -3.			1/31/2017	RJC	JAG



SECTION C-C

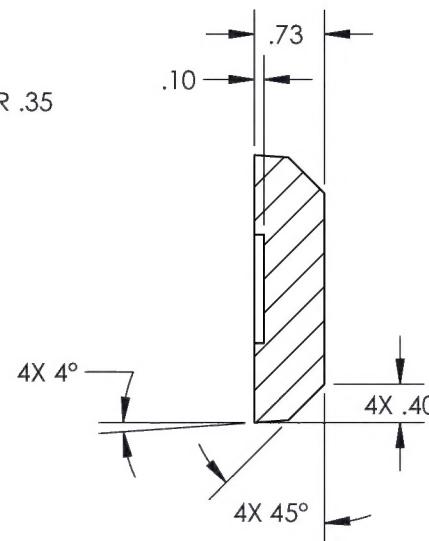
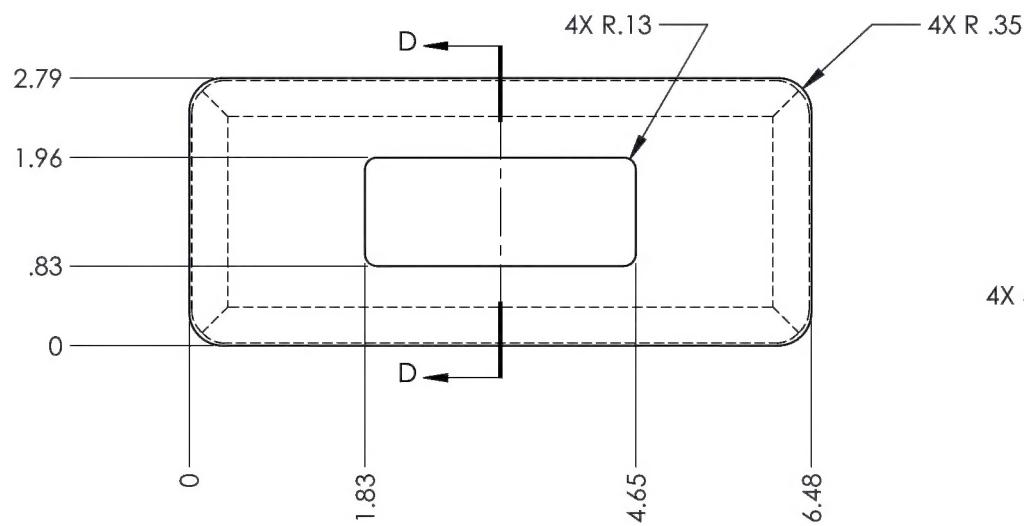
(7)

BOTTOM FOAM

DART AEROSPACE	
TITLE	
DRIVING PIN EXTRACTOR	
DWG NO.	RBEM632V3003101-7
REV	3
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:2
DATE	3/16/2016
SHEET 5 OF 6	

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			REVISIONS			
REV	ECR		DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0136		-9 ADDED DIMS 4X 45°, 4X .40, .10, 4X R .13, .83, 1.96, 1.83, 4.65. REMOVED DIM 4X R .25. CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220. BLACK.	9/1/2016	DEW	JAG



SECTION D-D

(-9)

TOP FOAM

DART AEROSPACE	
TITLE	
DRIVING PIN EXTRACTOR	
DWG NO.	RBEM632V3003101-9
REV	3
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:2
DATE	3/16/2016
SHEET 6 OF 6	